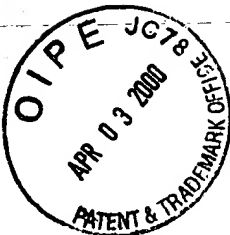


Section



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Attn: Box Missing Parts, Washington, D.C. 20231, on 3/21/00

TOWNSEND and TOWNSEND and CREW LLP

By [Signature]

PATENT
Attorney Docket No. 17634-000513US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Brian R. Murphy et al.

Application No.: 09/444,221

Filed: November 19, 1999

For: PRODUCTION OF ATTENUATED
RESPIRATORY SYNCYTIAL VIRUS
VACCINES FROM CLONED
NUCLEOTIDE SEQUENCES

Examiner: Not Assigned

Art Unit: 1642

**TRANSMITTAL LETTER - RESPONSE
TO NOTICE OF MISSING PARTS**

Attn: Box Missing Parts
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to the Notice to File Missing Parts of Application - Filing Date Granted, dated December 21, 1999, and pursuant to the Preliminary Amendment filed herewith, enclosed are the following to be made of record in the above-identified application:

- 1) Copy of Notice of Missing Parts

Please charge Deposit Account No. 20-1430 for the following fees:

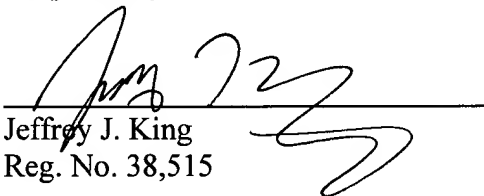
- (a) Filing Fee (§ 1.16(a)) (Large Entity) \$ 760.00
- (b) Excess Claims Fees (§ 1.16(b), (c)):

85 - 20 = 65 x \$18.00 =	\$1,170.00
4 - 3 = 1 x \$78.00 =	\$78.00
(c) Missing Parts Surcharge	\$130.00
TOTAL FEES TO BE CHARGED	\$2,138.00

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 20-1430. This Transmittal Letter is submitted in triplicate.

Respectfully submitted,

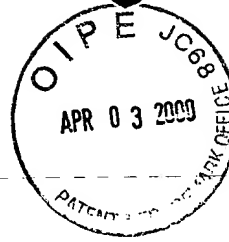
Dated: 3/21/00



Jeffrey J. King
Reg. No. 38,515

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(206) 467-9600
Fax (415) 576-0300

RECEIPT



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on

03/21/00

TOWNSEND and TOWNSEND and CREW LLP

By

PATENT

Attorney Docket No. 17634-000513US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Brian R. Murphy et al.

Application No.: 09/444,221

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RESPIRATORY SYNCYTIAL VIRUS
VACCINES FROM CLONED
NUCLEOTIDE SEQUENCES

Examiner: Not Assigned

Art Unit: 1642

RECEIVED
APR 12 2000
TC 1600 MAIL ROOM

**REQUEST FOR CORRECTED
FILING RECEIPT**

Assistant Commissioner for Patents
Washington, D.C. 20231

ATTN: Customer Correction Branch
Application Processing Division

Sir:

Attached is a copy of the official Filing Receipt received from the Patent and Trademark Office in the above-noted application for which issuance of a corrected filing receipt is respectfully requested.

There is an error in that Continuing Data as Claimed by Applicant should read as follows:

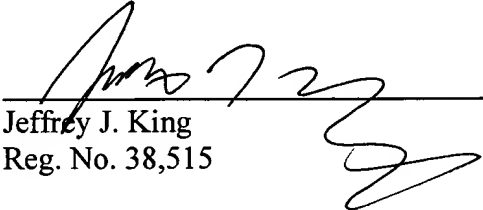
THIS APPLN IS A DIV OF 08/892,403 07/15/97 PAT 5,993,824
PROVISIONAL APPLICATION NO. 60/047,634 05/23/97
PROVISIONAL APPLICATION NO. 60/046,141 05/09/97
PROVISIONAL APPLICATION NO. 60/021,773 07/15/96

There is also an error in the number of independent claims listed, pursuant to the Preliminary Amendment filed herewith. The number of independent claims should be four (4).

The correction is not due to any error by applicant and no fee is due.

Respectfully submitted,

Dated: 3/21/00

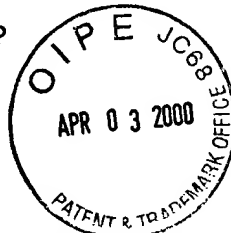

Jeffrey J. King
Reg. No. 38,515

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Phone (206) 467-9600
Fax (415) 576-0300

FILING RECEIPT

017634-00051345
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231
SWP/nyk

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTORNEY DOCKET NO.	DRWGS	TOT CL	IND CL
09/444,221	11/19/99	1642	\$0.00	17634-000513	24	62	7

TOWNSEND AND TOWNSEND AND CREW LLP
TWO EMBARCADERO CENTER
8TH FLOOR
SAN FRANCISCO CA 94111-3834

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts of Application" ("Missing Parts Notice") in this application, please submit any corrections to this Filing Receipt with your reply to the "Missing Parts Notice." When the PTO processes the reply to the "Missing Parts Notice," the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s) BRIAN R. MURPHY, BETHESDA, MD; PETER L. COLLINS, ROCKVILLE, MD; STEPHEN S. WHITEHEAD, GAITHERSBURG, MD; ALEXANDER A. BUKREYEV, ROCKVILLE, MD; KATALIN JAHASZ, ROCKVILLE, MD; MICHAEL N. TENG, ROCKVILLE, MD.

CONTINUING DATA AS CLAIMED BY APPLICANT-

PROVISIONAL APPLICATION NO. 60/047,634 05/23/97
PROVISIONAL APPLICATION NO. 60/046,141 05/09/97
PROVISIONAL APPLICATION NO. 60/021,773 07/15/96
THIS APPLN IS A DIV OF 08/892,403 07/15/97 PAT 5,993,824

IF REQUIRED, FOREIGN FILING LICENSE GRANTED 12/20/99

TITLE

PRODUCTION OF ATTENUATED RESPIRATORY SYNCYTIAL VIRUS VACCINES FROM
CLONED NUCLEOTIDE SEQUENCES

PRELIMINARY CLASS: 424

DATA ENTRY BY: HARRISON, BRUCE

TEAM: 06 DATE: 12/20/99

|||||

(See reverse for new important information)



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
09/444,221	11/19/99	MURPHY	B 17634-000513

TOWNSEND AND TOWNSEND AND CREW LLP
TWO EMBARCADERO CENTER
FLOOR
SAN FRANCISCO CA 94111-3834

NOT ASSIGNED

DATE MAILED: 1642

12/21/99

NOTICE TO FILE MISSING PARTS OF APPLICATION
Filing Date Granted

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given TWO MONTHS FROM THE DATE OF THIS NOTICE within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.

If all required items on this form are filed within the period set above, the total amount owed by applicant as a
☐ small entity (statement filed) ☒ non-small entity is \$ 2,362.

- ☒ 1. The statutory basic filing fee is:
☒ missing.
☐ insufficient.
Applicant must submit \$ 700 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

- ☒ 2. The following additional claims fees are due:
\$ 900 for 50 total claims over 20.
\$ 312 for 4 independent claims over 3.
\$ 260 for multiple dependent claim surcharge.
Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

- ☐ 3. The oath or declaration:
☐ is missing or unsigned.
☐ does not cover the newly submitted items.
An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

- ☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

- ☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

- ☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).
☐ 7. Your filing receipt was mailed in error because your check was returned without payment.
☐ 8. The application was filed in a language other than English.
Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
☐ 9. OTHER:

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

A copy of this notice **MUST** be returned with the reply.

Customer Service Center

04/06/2000 KZEMDIE 00000083 201430 09444221

01 FC:101 760.00 CH
02 FC:105 130.00 CH

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